

PTO/SB/08a/b (07-05)

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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete If Known | |
| | | | | Application Number | 10/765,006-Conf. #6758 |
| | | | | Filing Date | January 26, 2004 |
| | | | | First Named Inventor | Richard L. Thibault |
| | | | | Art Unit | 2141 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 102314-0160 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| ✓ | AA* | US-5,841,654 | 11-24-1998 | Verissimo et al. | |
| | AB* | US-6,095,674 | 08-01-2000 | Verissimo et al. | |
| | AC* | US-6,129,449 | 10-10-2000 | McCain et al. | |
| | AD* | US-6,574,515 | 06-03-2003 | Kirkpatrick et al. | |
| | AE* | US-6,760,687-A1 | 12-05-2002 | Apel et al. | |
| | AF* | US-6,806,847-A1 | 09-19-2002 | Nixon et al. | |
| ✓ | AG* | US-6,850,973 | 02-01-2005 | Larson et al. | |
| | AH* | US-20040103165-A1 | 05-27-2004 | Nixon et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|---------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
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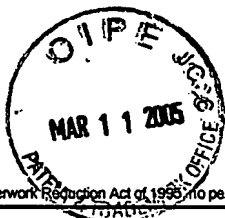
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
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PTO/SB/08a/b (08-03)

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| | | | Art Unit | 2141 | |
| | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 102314-0160 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|--|--|-----------------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
| TV | AA | US-6,675,193 | | 01-06-2004 | Slavin et al. | |
| | AB | US-5,956,487 | | 09-21-1999 | Venkatraman et al. | |
| | AC | US-6,170,007 | | 01-02-2001 | Venkatraman et al. | |
| | AD | US-20010025307-A1 | | 09-27-2001 | Venkatraman et al. | |
| | AE | US-20010044836-A1 | | 11-22-2001 | Venkatraman et al. | |
| | AF | US-20030208558-A1 | | 11-06-2003 | Venkatraman et al. | |
| | AG | US-20010034777-A1 | | 10-25-2001 | Venkatraman et al. | |
| | AH | US-20010034778-A1 | | 10-25-2001 | Venkatraman et al. | |
| | AI | US-20010034779-A1 | | 10-25-2001 | Venkatraman et al. | |
| | AJ | US-20010034780-A1 | | 10-25-2001 | Venkatraman et al. | |
| | AK | US-20020133636-A1 | | 09-19-2002 | Venkatraman et al. | |
| TV | AL | US-20010034781-A1 | | 10-25-2001 | Venkatraman et al. | |
| | AM | US-09/721,409 | | 11-21-2000 | Venkatraman et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|---|--|-----------------------------------|--|---|---|
| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
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| TV | CA | "Niagara Framework", http://www.tridium.com/products/niagara.asp , 2/10/2005, 2 pages. | |

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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | | | |
| | | Application Number | 09/379,074-Conf. #9840 | | |
| | | Filing Date | August 23, 1999 | | |
| | | First Named Inventor | Richard L. Thibault | | |
| | | Art Unit | 2142 | | |
| | | Examiner Name | T. H. Vu | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 102314-0095 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
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| | | Number-Kind Code ² (if known) | | | |
| TV | | US-6,108,662 | 08/22/2000 | Hoskins et al. | |
| TV | | US-6,139,177 | 10/31/2000 | Venkatraman et al. | |
| TV | | US-6,151,625 | 11/21/2000 | Swales et al. | |
| TV | | US-5,291,390 | 03/01/1994 | Satou | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|-------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ |
| | | Country Code ⁴ -Number ² -Kind Code ³ (if known) | MM-DD-YYYY | | | |
| TV | | WO98/29804 | 09/07/1998 | Nagai et al. | | |

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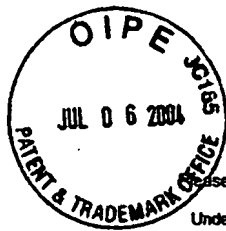
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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 09/379,074-9840 |
| | | | | Filing Date | August 23, 1999 |
| | | | | First Named Inventor | Richard L. Thibault |
| | | | | Group Art Unit | 2152 |
| | | | | Examiner Name | Vu, T. |
| Sheet | 1 | of | 1 | Attorney Docket Number | 102314-0095 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T* |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| PV | A | PCT | WO 97/26587 | | Siemens Akt. | 07-24-1997 | | |
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| PV | B | Gaines, B.R. et al. "Mediator: an Intelligent Information System Supporting the Virtual Manufacturing Enterprise," IEEE © 1995 (XP 000586326) pp. 964-969. | |
| PV | C | Goldammer, G. "HTML-script calls Java-applet...a new development technique under a software- and applications-technology configuration," IM Information Management vol. 11, no. 3 (2 Aug. 1996) pp. 6 - 14, IDG Communications Verlag, Germany (abstract). | |
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| | | | | Filing Date | August 23, 1999 |
| | | | | First Named Inventor | Richard L. Thibault |
| | | | | Group Art Unit | 2152 |
| | | | | Examiner Name | Vu, T. |
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|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| ✓ | A | 5975737 | | Crater et al. | 11-02-1999 | |
| ✓ | B | 6061603 | | Papadopoulos et al. | 05-09-2000 | |
| ✓ | C | 6139177 | | Venkatraman et al. | 10-31-2000 | |
| ✓ | D | 6151625 | | Swales et al. | 11-21-2000 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|--|---|
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Applicant: Thibault, et al

Filing Date:
8/23/1999

Group:
2756

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

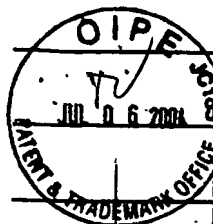
| Examiner's Initials | U.S. Patent No. | Applicant | Issue Date |
|------------------------|-----------------|---------------|------------|
| TV | 5,805,442 | Crater, et al | 9/8/98 |
| | | | |
| | | | |

FOREIGN PATENT DOCUMENTS

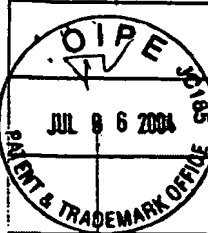
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| | | | | Yes | No |
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OTHER DOCUMENTS

| | |
|----|---|
| TV | "Agenda," ISA/SP50--1988-180, ISA Draft. |
| | Application of PRIAM Model to Safety Systems on Offshore Oil/Gas Platforms. Silvertch Ltd., January 9, 1995. |
| | "Automation System Monitors, Controls Fab HVAC, Other Systems," <u>Microcontamination</u> (August 1994). |
| | "Background Info on Mercury Project." |
| | Batch Control. Part I: Models and Terminology. (Approved February 28, 1995) ISA-S88.01 1995. |
| | Benkhallat, Yazid, et al. "Interoperability of sensors and distributed systems," <u>Sensors and Actuators A</u> Vol. 37-38 (1993), 247-254. |
| | Blevins, Terry. "Characteristics of Function Block Requirements for the Process Industry and Manufacturing Automation," Fisher-Rosemount, October 31, 1995. |
| | Brunn, P. "Collision Avoidance for Two Robots Sharing a Common Workspace," (1995) The Institution of Electrical Engineers. |
| | Burton, P. I. "A personal history of batch control," <u>Measurement + Control</u> Vol. 27 (April 1994), pp. 69-73. |
| | Burton, P. I., et al. "Field Bus Based on MIL-STD-1553B: Proposal to ISA-SP-50" ERA Technology Ltd. (April 6, 1988) ISA/SP50-1988-148. |
| | Capetta, L., et al. "From Current Actuators and Transmitters Towards Intelligent Actuation and Measurement: PRIAM Approach," BIAS 93. |
| TV | Caro, Richard H. "Field Bus Applications," ISA (1989) Paper #89-0569, pp. 989-994. |



| |
|---|
| Caro, Richard H. "The Fifth Generation Process Control Architecture," ISA (1988) Paper #88-1487, pp. 659-667. |
| Caro, Richard H. "The Fifth Generation Process Control Architecture," <u>ISA Transactions</u> Vol. 28 No. 4 (1989), pp. 23-28. |
| Chettle, Tim. "Multiplexing techniques optimise data collection," <u>Electrotechnology</u> (October/November 1995). |
| Coleman, Vernon. "National Electrical Manufacturers Association Field Bus Report to ISA SP50," (October 1988) ISA/SP50-1988-234. |
| Conference Record of the 1993 IEEE Industry Applications Conference, Part III (excerpt). Contents, Proceedings of the Second International Workshop on Configurable Distributed Systems, March 21-23, 1994, Pittsburgh, PA. |
| Control Technology Corp. News Releases, pp. 1-26. |
| Craig, Lynn W. "SP-88 Defines Batch Control," <u>INTECH</u> March 1994, pp. 34-37. |
| Crowder, R. S. "A Communication Architecture for Automation & Control," ISA, pp. 669-673. |
| Crowder, R. S.. "Generic Data Link Transactions for Simple Devices," Proposal to ISA SP 50 & IEC/SC65C/WG6 (October 15, 1988) ISA Document. |
| Crowley-Milling, et al, eds. "Proceedings," 1995 International Conference on Accelerator and Large Experimental Physics Control Systems, Chicago, IL October 30 - November 3, 1995, [cover pages]. |
| Delahostria. Communication Model Application Layer. (October 14, 1988) ISA/SP50-1988 247, ISA Draft. |
| Delfino, B. and Pinceti, P. "Fieldbus Applications for Electrical Industrial Systems," <u>IEEE</u> (1993), pp. 2084-2090. |
| Dezso, Danyi. "Halozati szabalyozas," <u>Meres es Automatika</u> Vol. 37 (1989), pp. 208-213. |
| Dryden, Patrick. "Tribes webmanage enables remote fixes," <u>Computerworld</u> (May 22, 1995), pg. 14. |
| Editing Committee Draft Application Layer, Version 6, December 1990 |
| Editing Committee Draft Application Layer, Version 8, May 1991 |
| Editing Committee Draft Application Layer, Version 12, October 1991 |
| Esprit Project 6188, "PRIAM Dictionary: Major Terms and Definitions Used in the PRIAM Project," Prenormative Requirements for Intelligent Actuation and Measurement, May 1995. |
| Esprit Project 8244, "User Requirements for Intelligent Transmitters and Actuators," European Intelligent Actuation and Measurement User Group, November 24, 1995. |
| Fieldbus Standard for Use in Industrial Control Systems. Part 2: Physical Layer Specification and Service Definition. (1992) ANSI/ISA-S50.02. |
| Foxboro Fieldbus Proposal (Presented to ISA SP-50 Committee February 24, 1988) ISA/SP50-1988-123B, ISA Draft. |
| Furness, Harry. "Fieldbus: The Differences Start From the Bottom Up," <u>Control Engineering</u> (March 1994), pp. 75-77. |
| Greene, Tim. "Sahara puts Java to Management Test," <u>Network World</u> Vol 13, No. 7 (Feb. 12, 1996). |
| Holding, David and Wood, Graham. "Communications in microprocessor industrial implementation," <u>Microprocessors and Microsystems</u> Vol. 3 No. 10 (December 1979), pp. 443-451. |

| | |
|---|--|
|  | Johnson, Dick. "Pressure Sensing Advances: Are They in Your Process' Future?" <u>Control Engineering</u> (April 1995), pp. 67-72. |
| | Kelly, D. Mark. "Digital fieldbus cluster cuts plant's wiring costs up to 20%," <u>INTECH</u> (April 1995), pp. 62-64. |
| | Ko, Diffu. "Trobe [sic] defines net management role for Web browser software," <u>Network World</u> (May 22, 1995) p. 14. |
| | Koth, H. and Oeder, K. "The Advantages of Intelligent Field Modules for Nuclear Power Plant Operation and Maintenance," <u>Kerntechnik</u> 60 (1996) 5-6, pp. 215-219. |
| | Lenhart, Gerald W. "A Field Bus Approach to Local Control Networks," ISA, Paper #93-281 1993. |
| | Lenhart, Gerald W. "Fieldbus-Based Local Control Networks," <u>INTECH</u> (August 1994), p. 31-34. |
| | Loose, Graham. "Fieldbus -- the user's perspective," <u>Measurement + Control</u> Vol 27 (March 1994), pp. 47-51. |
| | Meeting Minutes, SP50, International Electrotechnical Commission, Technical Committee No. 65: Industrial-Process Measurement and Control, Sub-Committee 65C: Digital Data Communications for Measurement and Control and Working Group 6: Field Bus Standard for Use in Industrial Control Systems, February 28 - March 4, 1988, Scottsdale, AZ. |
| | Meeting Minutes, SP50.4 Application Layer, October 19-21, 1988, Houston, TX |
| | Meeting Minutes, Windows Working Group of Application Subcommittee, March 1-3, 1989, New Orleans, LA |
| | Meeting Minutes, Ad Hoc Function Block Meeting, June 14, 1990, Chapel Hill, NC |
| | Meeting Minutes, SP50, Signal Compatibility of Electrical Instruments, December 5-7, 1990, Orlando, FL |
| | Meeting Minutes, Process Control Working Group of SP50.4, January 21-23, 1991, Atlanta, GA |
| | Meeting Notes, International Electrotechnical Commission Sub Committee No. 65C: Digital Communications Working Group 7, Process Control Function Blocks Report to AMT/7. April 4, 1996. |
| | Mirabella, Orazio. "A Short Presentation of IEC Fieldbus Application Layer," Informatics and Communication Institute, Engineering Faculty, University of Catania, Italy. |
| | "Mitsubishi licenses Sun's Java tool," <u>Electronic Engineering Times</u> (Dec. 11, 1995) p. 29. |
| | Momal, F., et al. "Using World-Wide-Web for Control Systems," AT Division CERN, 1211 Geneva 23 [no date]. |
| | Morel, G., et al. "Discrete Event Automation Engineering: Outline of the PRIAM Project." |
| | "NCR Fieldbus Slave Controller Advance Information," ISA-SP50-1988-161, ISA Draft. |
| | NOAH: Network Oriented Application Harmonisation based on General Purpose Field Communication System. Project description rev. 1.0, October 25, 1995. P-NET, PROFIBUS, WorldFIP. |
| | Nobuhiko, Tsuji, et al. "An Advanced Optical Fieldbus Instrumentation System Using 16 x 16 Reflection Type Optical Star Coupler and Low Powered Transmitter," pp. 755-764. |
| | "On-line Vending Machine and Catalog Product Icons," <u>IBM TDB</u> Vol. 38, No. 4 (April 1995) pp. 113-116. |
| TV | Output to Valve, Revision No. 1.4, January 18, 1991, (Draft Document), Instrument Society of America |



| |
|---|
| Owen, S., et al. "A modular reconfigurable approach to the creation of flexible manufacturing cells for educational purposes," <u>Fast Reconfiguration of Robotic and Automation Resources</u> (Colloquium) October 20, 1995, The Institution of Electrical Engineers, Digest No. 95/174. |
| Pace, Hugh W. "Valve Actuators Ready for Fieldbus," <u>Control Engineer</u> (October 1995), pp. 65-73. |
| Petti, Thomas F. and Dhurjati, Prasad S. "A Coupled Knowledge Based System Using Fuzzy Optimization for Advisory Control," <u>ICChE Journal</u> Vol. 38 (September 1992) No. 9, pp. 1369-1378. |
| Pfeifer T. and Fussel B. "Sensorbetriebssystem fur messtechnische Problemstellungen in der Produktionstechnik," <u>Technisches Messen</u> Vol. 58 (1991) Nos. 7/8. |
| Phinney, Thomas L. "An Analysis of Contending Proposals in ISA SP-50 for an ISA/IEC Field Instrument Bus," ISA (1988) Paper #88-1489. |
| Preface: Field Bus Process Control User Layer Technical Support, February 10, 1993. |
| Product Specification, I/A Series @ RBatch II. |
| PROWAY-LAN Industrial Data Highway. (Approved February 3, 1986) ISA-S72.01-1985. |
| "Radio Field Bus," ISA/SP50-1988-184, ISA Draft. |
| Redman, Jun, et al. "Intranet and the internal Web server: A standard user interface for integrating manufacturing applications," Proceedings of the Industrial Computing Conference, vol. 6, no. 1 (1996). |
| Report from IEC TC65 Working Group 6 Function Blocks, May 1, 1995. |
| Schuur, C. "Comments on 'Analysis and Suggestions for ISA-SP50' as submitted to the SP50 Committee by Honeywell Inc." (March 11, 1988) ISA-SP50-1988-155, ISA Draft. |
| Schuur, Chris and Warrior, Jay. "Philips Token Passing Field Bus Controller Timed Token Mode," ISA/SP50-1988-186, ISA Draft. |
| "SDRD Using 1553B Data Link Services," ISA/SP50-1988-243 (1988). |
| Skabowski, E. L. "Recommendations for Consideration at October, 1988 Application Layer Subcommittee Meeting," (October 3, 1986). |
| Smith, Chris. "Tektronix Pushes Ease-of-Use and Low Cost of Operation With Its New Phaser® Color Laser Printer," comp.newprod forum (Jan. 11, 1996). |
| Solvie, Michael J. "Configuration of Distributed Time-Critical Fieldbus Systems," <u>IEEE</u> (1994), p. 211. |
| Strothman, Jim and Ham, John. "Alliances, Fieldbus, Windows Stir ISA/94 Anaheim Pot," <u>INTECH</u> (December 1994), pp. 32-35. |
| Strothman, Jim and Ham, John. "ISA/95 New Orleans: 'Open', NT winds (not Opal) blow strong," <u>INTECH</u> (November 1995), pp. 45-48. |
| "Suggested Outline for Application Sub-committee Document: Fieldbus Architecture Subcommittee Document," ISA/SP50-1988-175, ISA Draft. |
| Table of Contents, Automation & Technology Department, 1995. |
| Table of Contents, Automation & Technology Department, 1993. |
| Table of Contents, Industrial Computing Society (no date). |
| Table of Contents, Proceedings of the Industrial Computing Conference, Vol. 3, September 19-24, 1993, Chicago, IL. Industrial Computing Society. |
| [Table of Contents], Proceedings of the 20th International Conference on Industrial Electronics Control and Instrumentation, Vols. 1-3, September 5-9, 1994, Bologna, Italy. |

TV



| | |
|---|---|
| | Table of Contents, Proceedings of the 7th Mediterranean Electrotechnical Conference, Vol. 1, April 12-14, 1994, Antalya, Turkey. |
| | Table of Contents, ISA/88, Houston, MA, (no date). |
| | Table of Contents, ISA/89, (no date). |
| | Taylor, Ken, et al. "A Telerobot on the World Wide Web," Presented at the 1995 National Conference of the Australian Robot Association, Melbourne, (July 5-7, 1995). |
| | Tobin, David. "Southeast Paper Installs Largest Foxboro Distributed Control System." |
| | "User Layer Structure," SP-50 Technical Report (July 25, 1990). |
| | "User Layer Technical Report," ISA/SP50-1990-389C, ISA Draft. |
| | Weinert, A., et al. "RT/OS -- realtime programming and application environment for the COSY control system," <u>Nuclear Instruments and Methods in Physics Research A</u> Vol. 352 (1994), pp. 277-279. |
| | WG1 List of Criteria (Appendix 1), (October 21, 1988) ISA/SP50-1988-242, ISA Draft. |
| | Wood, G. G. "The Argus CONSUL System for On-Line Computer Control," <u>Electrical Engineering Transactions</u> (March 1969), pp. 114-118. |
| | Wood, G. G. "The Challenge of Standards for Plant Communication," IFAC Distributed Computer Control Systems (1982), pp. 191-192. |
| | Wood, G. G. "Current Fieldbus activities," <u>computer communications</u> Vol 11 (June 1988) No. 3, pp. 118-123. |
| | Wood, Graeme G. "Data Transmission, Processing and Presentation," pp. 46-54. |
| | Wood, G. G. "Evolution of communication standards for the process industry," <u>Measurement + Control</u> Vol. 19 (July/August 1986), pp. 183-188. |
| | Wood, Graeme. "Fieldbus Status 1995," <u>Computing & Control Engineering Journal</u> (December 1995), pp. 251-253. |
| | Wood, Graeme. "Generic Link Transactions for Simple Devices in Fieldbus." ISA/SP50-1988-240 (September 20, 1988). |
| | Wood, Graeme, G. "Standardisation Work for Communication Among Distributed Industrial Computer Control Systems - A Status Report," INRIA (1984), pp. 67-69. |
| | Wood, G. G. "Survey of LANs and Standards," <u>Computer Standards & Interfaces</u> Vol. 6 (1987), pp. 27-36. |
| ✓ | Wood, G. G. "Towards digital information control," <u>Measurement + Control</u> Vol. 21 (July/August 1988), pp. 179-180. |

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| Filing Date | August 23, 1999 |
| First Named Inventor | Richard L. Thibault |
| Group Art Unit | 2756 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 102314-0095 |

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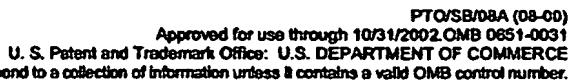
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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| | | Number | Kind Code ² (if known) | | | |
| ✓ | A | 4,897,777 | | Janke et al | 01-30-1990 | |
| | B | 4,918,690 | | Markkula, Jr. et al | 04-17-1990 | |
| | C | 5,122,948 | | Zapolin | 06-16-1992 | |
| | D | 5,131,092 | | Sackmann et al | 07-14-1992 | |
| | E | 5,151,978 | | Bronikowski et al | 09-29-1992 | |
| | F | 5,159,673 | | Sackmann et al | 10-27-1992 | |
| | G | 5,245,704 | | Weber et al | 09-14-1993 | |
| | H | 5,297,143 | | Fridrich et al | 03-22-1994 | |
| | I | 5,307,463 | | Hyatt et al | 04-26-1994 | |
| | J | 5,490,276 | | Doli, Jr. et al | 02-06-1996 | |
| | K | 5,598,536 | | Slaughter, III et al | 01-28-1997 | |
| | L | 5,664,101 | | Picache | 09-02-1997 | |
| | M | 5,732,218 | | Bland et al | 03-24-1998 | |
| | N | 5,737,529 | | Dolin, Jr. et al | 04-07-1998 | |
| | O | 5,742,762 | | Scholl et al | 04-21-1998 | |
| | P | 5,752,246 | | Rogers et al | 05-12-1998 | |
| | Q | 5,754,772 | | Leaf | 05-19-1998 | |
| | R | 5,764,906 | | Edelstein et al | 06-09-1998 | |
| | S | 5,768,510 | | Gish | 06-16-1998 | |
| | T | 5,774,670 | | Montulli | 06-30-1998 | |
| | U | 5,801,770 | | Paff et al | 09-01-1998 | |
| | V | 5,805,442 | | Crater et al | 09-08-1998 | |
| | W | 5,831,669 | | Adrain | 11-03-1998 | |
| | X | 5,844,601 | | McPheely et al | 12-01-1998 | |
| | Y | 5,847,957 | | Cohen et al | 12-08-1998 | |
| | Z | 5,874,990 | | Kato | 02-23-1999 | |
| | AA | 5,880,775 | | Ross | 03-09-1999 | |
| | AB | 5,930,768 | | Hooban | 07-27-1999 | |
| | AC | 5,956,487 | | Venkatraman et al | 09-21-1999 | |
| | AD | 5,975,737 | | Crater et al | 11-02-1999 | |
| | AE | 5,982,362 | | Crater et al | 11-09-1999 | |
| TV | AF | 6,061,603 | | Papadopoulos et al | 09-09-2000 | |



| | | | |
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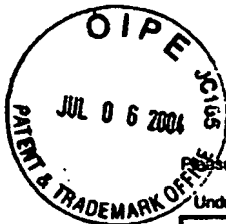
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|---|----------|---|----------------|
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| TV | AK | "Tribe Computer Works' Net Products Can be Managed via World Wide Web," IAC (SM) Newsletter Database™, DataTrends Publications, Inc., No. 11, Vol. 7, May 30, 1995. | |
| | AL | "Briefs," Network World, May 29, 1995, p. 19. | |
| | AM | Wilder, Clinton, "Network Management; Russing Nets Via The Web – Tribe's WebManage uses popular interface," InformationWeek, May 29, 1995, p. 62. | |
| | AN | "Pipeline; Announced," InfoWorld, May 29, 1995, p. 45. | |
| | AO | Bernard, Viki, "Remote-access ware emerge; Shiva, Nortel, and Tribe leading list of innovators," PCWeek, No. 21, Vol. 12, May 29, 1995, p. 47. | |
| | AP | "Tribe Announces Revolutionary Use of the Internet; Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management via World Wide Web," Business Wire, May 22, 1995. | |
| | AQ | "Tribe Launches First Networking Device Capable of Being Managed via Internet Web Browser; TribeLink2 Enables Remote Computing and Internet Access," Business Wire, May 22, 1995. | |
| | AR | Dryden, Patrick, "Tribes WebManage Enables Remote Fixes," ComputerWorld, May 22, 1995, p. 14. | |
| | AS | Ko, Diffu, "Trobe defines net management role for Web browser software," Network World, May 22, 1995, p. 14. | |
| | AT | "Tour an actual TribeLink via WebManage," web page print-out from http://www.tribe.com/products/webmanage/quick_view.htm . (1 page) | |
| | AU | "Tribe Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management Via the World Wide Web," web page print-out (7/12/99) from http://www.tribe.com/products/webmanage/wm_pr . (1 page) | |
| | AV | "TribeRoute," web page print-out (7/12/99) from http://www.tribe.com/products/tr/index . (3 pages) | |
| | AW | "TribeStar," web page print-out from http://www.tribe.com/products/tribestar/index.htm (3 pages). | |
| | AX | Pappalardo, Denise, "Router Can Be Managed via Net," InternetWeek, May 22, 1995, p. 6. | |
| | AY | Rodriguez, Karen, "Tribe sets software," Interactive Age, Vol. 2, No. 15, May 22, 1995, p. 25. | |
| | AZ | Welch, Nathalie, "Tribe to manage via Web; Tribe Computer Works Inc.'s TribeLink2 Product Announcement," MacWEEK, Vol. 9, No. 21, May 22, 1995, P. 18. | |
| | BA | Pappalardo, Denise, "Digi Introduces IP/IPX Router," InternetWeek, April 24, 1995, p. 15. | |
| | BB | "WWW'94: Papers Received," web page print-out (4/7/2000) from http://www.ncsa.uiuc.edu/SDG/IT94/Agenda/Papers-received.html (8 pages). | |
| | BC | Elmer-Dewitt, Philip, "Snowballs in Cyberspace; With a modem and a soldering iron, you too can build an Internet site that is really cool and totally useless," Time, January 16, 1995, p. 57. | |



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PTO/SB/08B (08-00)

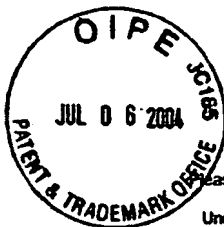
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| | | | |
|----|----|--|--|
| TV | BD | Scharf, Ronald, et al, "Using Mosaic for Remote Test System Control Supports Distributed Engineering," Institute of Computer-Aided Circuit Design - Test and Testsystems Division, University of Erlangen-Nurnberg, Germany, web page print-out from http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/CSCW/scharf/scharf.html (8 pages) | |
| | BE | Cox, Mark J. and Baruch, Dr. John E. F. "Robotic Telescopes: An Interactive Exhibit on the World-Wide Web," web page print-out from http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/Museum/cox/markcox.html (11 pages) | |
| | BF | Gleick, James. "Fast Forward; Really Remote Control," The New York Times, Section 6, Column 3, Page 42, December 3, 1995. | |
| | BG | Silverman, Dwight. "Attaboy" for the best software and hardware of 1994," The Houston Chronicle, December 25, 1994, Pg. 2. | |
| | BH | Browne, Malcolm W. "South Pole Ready for Internet Revolution," The New York Times, Section C, Column 1, Page 1, January 10, 1995. | |
| | BI | Wolfe, Alexander, "Strong Brew," Electronic Engineering Times, April 8, 1996, Pg. 73. | |
| | BJ | "Special Topic: PC-Based Control," A Supplement to Software Strategies, pp. 3-5, 7-8, 10-15, 20-21. | |
| | BK | Momai, F. and Pinto-Pereira, C. "Using World-Wide-Web for Control Systems," from Proceedings 1995 International Conference on Accelerator and Large Experimental Physics Control Systems, Chicago, IL, October 30-November 3, 1995. | |
| | BL | "The 'Only' Coke Machine on the Internet," web page print-out (2/12/99) from http://www.cs.cmu.edu/~coke/history_long.txt (3 pages). | |
| | BM | "CMU SCS Coke Machine: Current Status," web page print-out (2/12/99) from http://www.cs.cmu.edu/~coke/ (1 page). | |
| | BN | "The Switzerland Coke Machine Credits," web page print-out (2/12/99) from http://www-swiss.ai.mit.edu/htbin/coke/ (1 page). | |
| | BO | "Peter Beebe's Home Page," web page print-out (2/12/99) from http://www-swiss.ai.mit.edu/htbin/ptbbgate/jwz/?fetch+personal%2Fmain.txt.html (2 pages) | |
| | BP | "bsy's List of Internet Accessible Coke Machines," web page print-out (2/12/99) from http://www-cse.ucsd.edu/users/bsy/coke.html (1 page). | |
| | BQ | "Disk Drive with Embedded Hyper-Text Markup Language Server," IBM TDB, Vol. 38, n. 12, December 1995, pp. 479-480. | |
| | BR | Leon, Mark, "Tektronix to add Web software on new printers," InfoWorld, December 4, 1995, p. 6. | |
| | BS | "I/A Series Model 51 FoxRemote II Installation and Configuration Guide," April 8, 1998 (Preliminary), pp. I-iv, 1-2. | |
| | BT | "New State-Logic Microcontroller," News Release, Control Technology Corp., June 1, 1996, (DialogWeb search result). | |
| | BU | "NEW at IPC/92! Ethernet link provides Global PLC Registers," News Release, Control Technology (US), November 20, 1992, (DialogWeb search result). | |
| | BV | "NEW at IPC/92! High-Capacity Integrated Motion Controller," News Release, Control Technology (US) November 20, 1992, (DialogWeb search result). | |
| TV | BW | "Dual-Axis Servo Module for Small Controller," News Release, Control Technology | |



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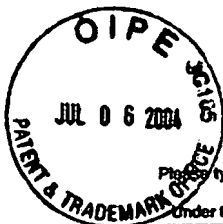
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|---|----|---|--|
| | | (US), September 11, 1990, (DialogWeb search result). | |
| ✓ | BX | "Innovative Small Controller Family offers Full Integration," News Release, Control Technology, August 17, 1989, (DialogWeb search result). | |
| | BY | AC I/O Modules Available for Low-Cost Automation Controller," News Release, Control Technology Corporation, June 28, 1989, (DialogWeb search result). | |
| | BZ | "New Small Automation Controller features Precision Analog I/O Modules," News Release, Control Technology (US), May 30, 1989, (DialogWeb search result). | |
| | CA | "Inexpensive Automation Controller features Message Display Capability," News Release, Control Technology (US), May 19, 1989, (DialogWeb search result). | |
| | CB | "Small Multi-Tasking Controller for Cost-sensitive Applications," News Release, Control Technology US, November 8, 1988, (DialogWeb search result). | |
| | CC | "CAD/CAM Software creates Automation 'Programming Environment'," News Release, Control Technology (US), October 3, 1988, (DialogWeb search result). | |
| | CD | "Automation Programming Environment runs On IBM (R) -PC," News Release, Control Technology (US), March 29, 1988, (DialogWeb search result). | |
| | CE | "Low-Cost Automation Controller features Motion Control, Communications," News Release, Control Technology (US), March 7, 1988, (DialogWeb search result). | |
| | CF | "System Provides Stepping Motor Control in Workcell Environment," News Release, Control Technology Corp., December 5, 1986, (DialogWeb search result). | |
| | CG | "Multi-Tasking Controller provides High-level Instructions for Motion Control, Sequencing," News Release, Control Technology Corporation, August 22, 1986, (DialogWeb search result). | |
| | CH | "Operator's Console creates 'Friendly' Machines," News Release, Control Technology (US), May 19, 1986, (DialogWeb search result). | |
| | CI | "Automation Controller features fast 80186 Processor, Integrated Software," News Release, Control Technology (US), April 22, 1986, (DialogWeb search result). | |
| | CJ | "Plug-Compatible Controls and Actuators Speed System Development," News Release, Control Technology (US), January 13, 1986, (DialogWeb search result). | |
| | CK | "Modular Valve Assemblies Connect to Controller with Ribbon Cable," New Product Release, Control Technology (US), January 8, 1986, (DialogWeb search result). | |
| | CL | "Linear Actuators offer Plug-Compatibility with Controller," News Release, Control Technology (US), November 21, 1985, (DialogWeb search result). | |
| | CM | "Compact System combines Motion Control, Machine Control," News Release, Control Technology, May 28, 1985, (DialogWeb search result). | |
| | CN | "Automation Controller accepts Customization," News Release, Control Technology, July 12, 1985, (DialogWeb search result). | |
| | CO | "SECS-11 Communication Board Plugs into Automation Controller," News Release, Control Technology, August 26, 1985, (DialogWeb search result). | |
| | CP | "Operator's Console for Automated Machines," News Release, Control Technology, August 15, 1985, (DialogWeb search result). | |
| | CQ | "Programmable Controller offers control of Stepping and Servo Motors," News Release, Control Technology, May 31, 1985, (DialogWeb search result). | |
| ✓ | CR | Taylor, Ken and Trevelyan, James, "A Telerobot on the World Wide Web," printed from http://telerobot.mech.uwa.edu.au/ROBOT/telerobo.htm (14 pages). | |
| | CS | "On-Line Vending Machine and Catalog Product Icons," IBM TDB, v. 38, n. 4 (April | |



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| Sheet | 6 | of | 7 |

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|----|----|--|--|
| | | 1995), pp. 113-116. | |
| TV | CT | Tinham, Brian, "Getting SCADA by web browser? Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 5. | |
| | CU | "Wizards wheel over SCADA systems; Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 23. | |
| | CV | Fulcher, Jim and Dilger, Karen Abramic, "Soft control, Internet spark ISA/96," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 40-46. | |
| | CW | "Information technology in manufacturing," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 54-78. | |
| | CX | "A sensation in supervisory control," Manufacturing Systems (Windows NT in manufacturing Supplement), October 1996, pp. 12A-24A. | |
| | CY | Demetratekes, Pam. "Go with the info flow; state-of-the-art automation in the food industry; includes related article on computer software for food processors," Food Processing, Vol. 57, No. 7, July 1996, P. 47. | |
| | CZ | "New Products Provide Interactive Graphics Over Web Using Netscape Plug-Ins and Java," PR Newswire, May 20, 1996. | |
| | DA | "Integrated Systems; Industry's top embedded operating software supports Java," M2 Presswire, March 4, 1996. | |
| | DB | "ErgoTech upgrades ErgoCim; First 'plug and play' component software for manufacturing," Business Wire, February 15, 1996. | |
| | DC | "Embedded Systems Conference Addresses the Increasing Complexity of Electronic Systems Design; Technical Program and Exhibits Help Embedded Systems Design Professionals Keep Pace with Rapid Change," PR Newswire, December 27, 1995. | |
| | DD | "Industry's top embedded operating software supports Java; pSOSystem enables Embedded Internet applications and Low-cost Internet appliances," Business Wire, February 1, 1996. | |
| | DE | "Gensym introduces G2 WebMiner for accessing and reasoning about data from the World Wide Web," Business Wire, May 15, 1996. | |
| | DF | "Gensym introduces Internet connectivity for its G2 family of intelligent real-time software," Business Wire, March 18, 1996. | |
| | DG | "Gensym Announces Its Initiative for Leveraging Intelligent Systems with Internet/Intranet Technology," Business Wire, October 7, 1997. | |
| | DH | "At Interop, Will ToasterNet Be on the Hot List?" Data Communications, Vol. 19, No. 13, October 1990, P. 214. | |
| | DI | Zeff, Joe. "Maui Sunset in Real Time (Modems not Optional)," The New York Times, November 27, 1995, Section D, Column 2, P. 5. | |
| | DJ | Toner, Mike. "Web's view of world far and wide," The Houston Chronicle, November 5, 1995, P. 6. | |
| | DK | "Internet windows to the world," New Media Age, October 26, 1995, p. 4. | |
| | DL | Foster, Kirsten. "surf's up; lights, camera, but no action; Steve is a Tech-Nomad. He wanders the streets with a camera on his head. And he wants you to join him," The Independent (London), August 13, 1995, p. 10. | |
| TV | DM | Henry, Jim, Ph.D., P.E. "Implementation of Practical Control Systems: Problems and Solutions," web page print-out from http://chem.engr.utc.edu/Documents/MACSCITECH/MACSCITECHpaper1.html (22 pages). | |
| | DN | "Jim Henry's 1996 ASEE Paper," web page print-out from | |



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| | |
|------------------------|---------------------|
| Application Number | 09/379,074-9840 |
| Filing Date | August 23, 1999 |
| First Named Inventor | Richard L. Thibault |
| Group Art Unit | 2756 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 102314-0095 |

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|-------|---|----|---|
| Sheet | 7 | of | 7 |
|-------|---|----|---|

| | | | |
|----|----|--|--|
| | | http://chem.engr.utc.edu/Documents/ASEE-96-full.html (5 pages). | |
| TV | DO | Henry, Jim, Ph.D., P.E. "LabVIEW Applications in Engineering Labs: Controls, Chemical, Environmental," ASEE Conference, Anaheim, CA, June 25 - 28, 1995, web page print-out from http://chem.engr.utc.edu/Documents/ASEE-95-full.html (22 pages). | |
| | DP | "Breaking News for Invensys Software Systems Employees; iBaan and FactorySuite 2000 Integration Announced," internal e-mail dated March 23, 2001. | |
| | DQ | Gertz, Matthew, et al. "A Human-Machine Interface for Distributed Virtual Laboratories," IEEE Robotics & Automation Magazine 1 (1994) December, No. 4 (New York) pp. 5-13. | |
| | DR | Soreide, N. N., et al. "Mosaic access to real-time data from the TOGA-TAO array of moored buoys," Computer Networks and ISDN Systems 28 (1995), pp. 189-197. | |
| | DS | Goldstein, Ira and Hardin, Joseph. "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1. | |
| | DT | Slater, A. F. "Controlled by the Web," Computer Networks and ISDN Systems 27 (1994) pp. 289-295. | |
| | DU | Goldberg, Ken, et al. "Beyond the Web: manipulating the real world," Computer Networks and ISDN Systems 28 (1995) pp. 209-219. | |
| | DV | Goldstein, Ira and Hardin, Joseph, "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1. | |
| | DW | Goldberg, Ken, et al. "Desktop Teleoperation via the World Wide Web," IEEE International Conference on Robotics and Automation, pp. 654 - 659. | |
| TV | DX | "Disk Drive with Embedded Hyper-Text Markup Language Server," IBM TDB, December 1995. | |

| | | | |
|--------------------|---------------|-----------------|---------|
| Examiner Signature | <i>Thorny</i> | Date Considered | 6/13/07 |
|--------------------|---------------|-----------------|---------|

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INFORMATION DISCLOSURE STATEMENT

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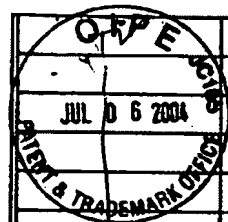
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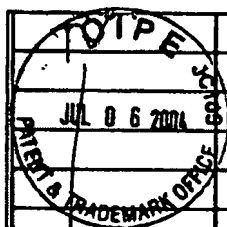
U.S. PATENT DOCUMENTS

| Examiner's Initials | U.S. Patent No. | Applicant | Issue Date |
|------------------------|-----------------|------------------------|---------------|
| TV | 3,825,905 | Allen Jr. | July 23, 1974 |
| | 3,810,119 | Zieve et al. | May 7, 1974 |
| | 4,096,566 | Borie et al. | Jun. 20, 1978 |
| | 4,302,820 | Struger et al. | Nov. 24, 1981 |
| | 4,312,068 | Goss et al. | Jan. 19, 1982 |
| | 4,323,966 | Whiteside et al. | Apr. 6, 1982 |
| | 4,347,563 | Paredes et al. | Aug. 31, 1982 |
| | 4,410,942 | Milligan et al. | Oct. 18, 1983 |
| | 4,423,486 | Berner | Dec. 27, 1983 |
| | 4,428,044 | Liron | Jan. 24, 1984 |
| | 4,435,762 | Milligan et al. | Mar. 6, 1984 |
| | 4,456,997 | Spitza | Jun. 26, 1984 |
| | 4,466,098 | Southard | Aug. 14, 1984 |
| | 4,471,457 | Videki, II | Sep. 11, 1984 |
| | 4,488,226 | Wagner, Jr. et al. | Dec. 11, 1984 |
| | 4,493,027 | Katz et al. | Jan. 8, 1985 |
| | 4,609,995 | Hasebe | Sep. 2, 1986 |
| | 4,615,001 | Hudgins, Jr. | Sep. 30, 1986 |
| | 4,628,437 | Poschmann et al. | Dec. 9, 1986 |
| | 4,641,276 | Dunki-Jacobs | Feb. 3, 1987 |
| | 4,648,064 | Morley | Mar. 3, 1987 |
| | 4,649,479 | Advani et al. | Mar. 10, 1987 |
| | 4,663,704 | Jones et al. | May 5, 1987 |
| | 4,672,530 | Schuss | Jun. 9, 1987 |
| | 4,675,812 | Capowski et al. | Jun. 23, 1987 |
| | 4,682,304 | Tierney | Jul. 21, 1987 |
| | 4,683,530 | Quatse | Jul. 28, 1987 |
| | 4,692,859 | Ott | Sep. 8, 1987 |
| | 4,692,918 | Elliott et al. | Sep. 8, 1987 |
| | 4,703,421 | Abrant et al. | Oct. 27, 1987 |
| | 4,709,325 | Yajima | Nov. 24, 1987 |
| | 4,719,593 | Threewitt et al. | Jan. 12, 1988 |
| | 4,727,477 | Gavril | Feb. 23, 1988 |
| | 4,733,366 | Deyesso et al. | Mar. 22, 1988 |
| | 4,742,349 | Miesterfeld et al. | May 3, 1988 |
| TV | 4,750,109 | Kita | Jun. 7, 1988 |
| | 4,790,762 | Harms, deceased et al. | Dec. 13, 1988 |

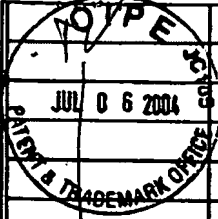


| | | |
|-----------|----------------------|---------------|
| 4,805,107 | Jeckhafer et al. | Feb. 14, 1989 |
| 4,816,996 | Hill et al. | Mar. 28, 1989 |
| 4,817,094 | Lebizay et al. | Mar. 28, 1989 |
| 4,872,106 | Slater | Oct. 3, 1989 |
| 4,910,658 | Dudash et al. | Mar. 20, 1990 |
| 4,910,691 | Skeirik | Mar. 20, 1990 |
| 4,958,277 | Hill et al. | Sep. 18, 1990 |
| 4,959,774 | Davis | Sep. 25, 1990 |
| 4,965,717 | Cutts, Jr. et al. | Oct. 23, 1990 |
| 4,965,742 | Skeirik | Oct. 23, 1990 |
| 4,965,880 | Petitjean | Oct. 23, 1990 |
| 4,991,170 | Kern | Feb. 5, 1991 |
| 5,008,805 | Fiebig et al. | Apr. 16, 1991 |
| 5,050,165 | Yoshioka et al. | Sep. 17, 1991 |
| 5,068,778 | Kosem et al. | Nov. 26, 1991 |
| 5,129,087 | Will | Jul. 7, 1992 |
| 5,134,574 | Beaverstock et al | Jul. 28, 1992 |
| 5,136,704 | Danielsen et al. | Aug. 4, 1992 |
| 5,138,708 | Vosbury | Aug. 11, 1992 |
| 5,146,589 | Peet, Jr. et al. | Sep. 8, 1992 |
| 5,151,981 | Westcott et al. | Sep. 29, 1992 |
| 5,162,986 | Graber et al | Nov. 10, 1992 |
| 5,163,055 | Lee et al. | Nov. 10, 1992 |
| 5,166,685 | Campbell, Jr. et al. | Nov. 24, 1992 |
| 5,168,276 | Huston et al. | Dec. 1, 1992 |
| 5,175,829 | Stumpf et al. | Dec. 29, 1992 |
| 5,193,175 | Cutts, Jr., et al. | Mar. 9, 1993 |
| 5,212,784 | Sparks | May 18, 1993 |
| 5,233,615 | Goetz | Aug. 3, 1993 |
| 5,255,367 | Bruckert et al. | Oct. 19, 1993 |
| 5,258,999 | Wernimont et al. | Nov. 2, 1993 |
| 5,271,013 | Gleeson | Dec. 14, 1993 |
| 5,283,729 | Lloyd | Feb. 1, 1994 |
| 5,289,365 | Caldwell et al. | Feb. 22, 1994 |
| 5,295,258 | Jewett et al. | Mar. 15, 1994 |
| 5,302,952 | Campbell, Jr. et al. | Apr. 12, 1994 |
| 5,303,227 | Herold et al. | Apr. 12, 1994 |
| 5,303,375 | Collins et al. | Apr. 12, 1994 |
| 5,303,392 | Carney et al. | Apr. 12, 1994 |
| 5,307,372 | Sawyer et al. | Apr. 26, 1994 |
| 5,317,726 | Horst | May 31, 1994 |
| 5,335,221 | Snowbarger et al. | Aug. 2, 1994 |
| 5,347,181 | Ashby et al. | Sep. 13, 1994 |
| 5,349,343 | Oliver | Sep. 20, 1994 |
| 5,352,033 | Gresham et al. | Oct. 4, 1994 |
| 5,359,721 | Kempf et al. | Oct. 25, 1994 |
| 5,381,529 | Matsushima | Jan. 10, 1995 |
| 5,390,321 | Proesel | Feb. 14, 1995 |

TV

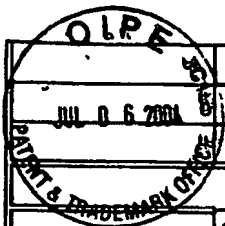


| | | | |
|----|-----------|--------------------|----------------|
| | 5,398,331 | Quang et al. | Mar. 14, 1995 |
| | 5,400,140 | Johnston | Mar. 21, 1995 |
| | 5,410,717 | Floro | Apr. 25, 1995 |
| | 5,428,781 | Duault et al. | Jun. 27, 1995 |
| | 5,434,997 | Laundry et al. | Jul. 18, 1995 |
| | 5,444,851 | Woest | Aug. 22, 1995 |
| | 5,450,403 | Ichii et al. | Sept. 12, 1995 |
| | 5,450,425 | Gunn et al. | Sep. 12, 1995 |
| | 5,450,764 | Johnston | Sep. 19, 1995 |
| | 5,451,939 | Price | Sep. 19, 1995 |
| | 5,457,797 | Butterworth et al. | Oct. 10, 1995 |
| | 5,459,839 | Swarts et al. | Oct. 17, 1995 |
| | 5,463,735 | Pascucci et al. | Oct. 31, 1995 |
| | 5,475,856 | Kogge | Dec. 12, 1995 |
| | 5,481,741 | McKaskle et al. | Jan. 2, 1996 |
| | 5,483,660 | Yishay et al. | Jan. 9, 1996 |
| | 5,485,620 | Sadre et al. | Jan. 16, 1996 |
| | 5,504,902 | McGrath et al. | Apr. 2, 1996 |
| | 5,509,811 | Homic | Apr. 23, 1996 |
| | 5,513,095 | Pajonk | Apr. 30, 1996 |
| | 5,513,192 | Janku et al. | Apr. 30, 1996 |
| | 5,513,354 | Dwork et al. | Apr. 30, 1996 |
| | 5,517,655 | Collins et al. | May 14, 1996 |
| | 5,519,701 | Colmant et al. | May 21, 1996] |
| | 5,522,044 | Pascucci et al. | May 28, 1996 |
| | 5,530,643 | Hodorowski | Jun. 25, 1996 |
| | 5,539,909 | Tanaka et al. | Jul. 23, 1996 |
| | 5,544,008 | Dimmick, et al. | Aug. 6, 1996 |
| | 5,550,980 | Pascucci et al. | Aug. 27, 1996 |
| | 5,551,047 | Mori et al. | Aug. 27, 1996 |
| | 5,555,213 | DeLong | Sep. 10, 1996 |
| | 5,555,437 | Packer | Sep. 10, 1996 |
| | 5,555,510 | Verseput et al. | Sep. 10, 1996 |
| | 5,559,963 | Gregg et al. | Sep. 24, 1996 |
| | 5,568,378 | Wojsznis | Oct. 22, 1996 |
| | 5,572,673 | Shurts | Nov. 5, 1996 |
| | 5,576,946 | Bender et al. | Nov. 19, 1996 |
| | 5,579,487 | Meyerson et al. | Nov. 26, 1996 |
| | 5,581,760 | Atkinson et al. | Dec. 3, 1996 |
| | 5,586,112 | Tabata | Dec. 17, 1996 |
| | 5,586,329 | Knudsen et al. | Dec. 17, 1996 |
| | 5,586,330 | Knudsen et al. | Dec. 17, 1996 |
| | 5,587,899 | Ho et al. | Dec. 24, 1996 |
| | 5,594,899 | Knudsen et al. | Jan. 14, 1997 |
| | 5,596,752 | Knudsen et al. | Jan. 21, 1997 |
| | 5,600,845 | Gilson | Feb. 4, 1997 |
| | 5,604,871 | Pecone | Feb. 18, 1997 |
| TV | 5,611,057 | Pecone et al. | Mar. 11, 1997 |

| | | | |
|--|-----------|-------------------|---------------|
|  | 5,613,141 | Bezviner et al. | Mar. 18, 1997 |
| | 5,617,540 | Civanlar et al. | Apr. 1, 1997 |
| | 5,627,979 | Chang et al. | May 6, 1997 |
| | 5,629,949 | Zook | May 13, 1997 |
| | 5,630,056 | Horvath et al. | May 13, 1997 |
| | 5,630,152 | DeLuca et al. | May 13, 1997 |
| | 5,664,168 | Yishay et al. | Sep. 2, 1997 |
| | 5,642,511 | Chow et al. | Jun. 24, 1997 |
| | 5,649,121 | Budman et al. | Jul. 15, 1997 |
| | 5,655,092 | Ojala | Aug. 5, 1997 |
| | 5,659,680 | Cunningham et al. | Aug. 19, 1997 |
| | 5,671,374 | Postman et al. | Sep. 23, 1997 |
| | 5,676,141 | Hollub | Oct. 14, 1997 |
| | 5,680,404 | Gray | Oct. 21, 1997 |
| | 5,680,409 | Qin et al. | Oct. 21, 1997 |
| | 5,682,476 | Tapperson et al. | Oct. 28, 1997 |
| | 5,687,316 | Graziano et al. | Nov. 11, 1997 |
| | 5,701,414 | Cheng et al. | Dec. 23, 1997 |
| | 5,708,779 | Graziano et al. | Jan. 13, 1998 |
| | 5,727,128 | Morrison | Mar. 10, 1998 |
| | 5,748,467 | Qin et al. | May 5, 1998 |
| | 5,752,007 | Morrison | May 12, 1998 |
| | 5,752,008 | Bowling | May 12, 1998 |
| | 5,758,073 | Liang et al. | May 26, 1998 |
| | 5,758,075 | Graziano et al. | May 26, 1998 |
| | 5,768,119 | Havekost et al. | Jun. 16, 1998 |
| | 5,777,874 | Flood et al. | Jul 7, 1998 |
| | 5,790,791 | Chong et al. | Aug. 4, 1998 |
| | 5,793,963 | Tapperson et al. | Aug. 11, 1998 |
| | 5,796,602 | Wellan et al. | Aug. 18, 1998 |
| | 5,797,038 | Crawford et al. | Aug. 18, 1998 |
| | 5,801,942 | Nixon et al. | Sep. 1, 1998 |
| | 5,805,922 | Sim et al. | Sep. 8, 1998 |
| | 5,822,220 | Baines | Oct. 13, 1998 |
| | 5,828,851 | Nixon et al. | Oct. 27, 1998 |
| | 5,841,963 | Nakamikawa et al. | Nov. 24, 1998 |
| | 5,854,944 | Catherwood et al. | Dec. 29, 1998 |
| | 5,862,052 | Nixon et al. | Jan. 19, 1999 |
| | 5,872,992 | Tietjen et al. | Feb. 16, 1999 |
| TV | 5,873,089 | Regache | Feb. 16, 1999 |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Document No. | Country | Date | Translation | |
|------------------------|--------------|---------|------|-------------|----|
| | | | | Yes | No |
| | | | | | |
| | | | | | |



OTHER DOCUMENTS

Stevens, et al. "TCP/IP Illustrated, Vol. 1. The Protocols," *TCP/IP Illustrated* vol. 1, XP-002106390, pp. 85-96.

ICCard Design September/October 1995.

Strack, Bob. "The HAWK is Soaring," *Chemical Processing* (May 1996) p. 11.

"Control System Features Plug-and-Play Technology, Scalability," *Chemical Processing* (May 1996), p. 33.

"Editors' Product Picks," *Chemical Processing* (May 1996), p. 34.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.